

Programming Languages Chapter 13 Discovering Computers

1. What is a third generation programming language?

3GL is a type of programming language that allows the programmer to write instructions using a series of English like words.

2. Give three examples of third generation languages?

Examples of 3GL are COBAL, Java, and Python.

3. What generation language is assembly?

Assembly is a first generation language

4. What is object oriented programming?

Object oriented programming is a programming language that is used to apply to an object-oriented design.

5. Define three object oriented programming languages:

Java is an OOP language developed by Sun Microsystems that allows bytecode to be translated into a machine dependent code.

C++ is an OOP language that is an extension of the C programming language.

C# is an OOP language based on the C++ programming language.

Page 696 Ethics and Issues: Read Is Beta Testing out of Hand?

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta testing is the demonstration program that allows the programmer to indicate errors in the program in order to improve it. Yes i would participate in beta testing software on my pc. I would because it gives the manufactor a chance to help improve the software so it is better to use when it comes out. Yes i think they are because they state that they want you to report bugs and problems so that they can fix it. Yes because it adds a lot more people out there to help fix it up and make the program better instead of having small groups try it out, and i would say that it should be tested for about a month but no more then that.